

L35 ANSWER 251 OF 272 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1982:490414 HCAPLUS Full-text  
 DOCUMENT NUMBER: 97:90414  
 TITLE: Manufacture of cyclosporins  
 PATENT ASSIGNEE(S): Mitsubishi Chemical Industries Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
JP 57063093	A2	19820416	JP 1980-138523	19801003
JP 63000039	B4	19880105		
PRIORITY APPLN. INFO.:			JP 1980-138523	19801003

AB Cyclosporins are produced by culturing of cyclosporin-producing *Fusarium*, especially *F. solani* MCI-1549 and MCI-1550. Thus, *F. solani* MCI-1550 was cultured in Richard's medium (KNO<sub>3</sub> 10 g; KH<sub>2</sub>PO<sub>4</sub> 5 g, MgSO<sub>4</sub> 25 g, sugar 50 g, and water 1 L) at 28° for 14 days. The broth thus incubated contained 20 µg cyclosporins/mL; upon extraction of the broth (56 L) with EtOAc and purification with silica gel column chromatog. 320 mg cyclosporin A [59865-13-3] and 100 mg cyclosporin C [59787-61-0] were obtained.

IT **59787-61-0P**

RL: BMF (Bioindustrial manufacture); BIOL (Biological study); **PREP**

**(Preparation)**

(manufacture of, by *Fusarium solani*)

RN 59787-61-0 HCAPLUS

CN Cyclosporin C (9CI) (CA INDEX NAME)

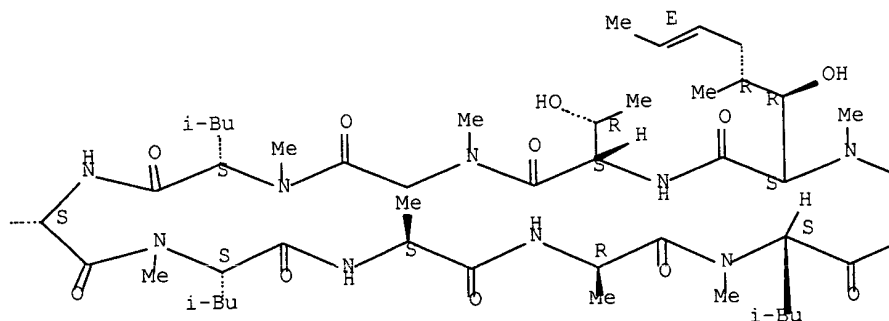
Absolute stereochemistry.

Double bond geometry as shown.

PAGE 1-A

i-Pr

PAGE 1-B



PAGE 1-C

